Device for aligning objects bearing reference marks, has module with two parallel high quality objectives, deflection unit, cameras for transferring acquired images to evaluation unit

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Cited documents:

DE19727471 (C1)
DE4222283 (C1)
US5752446 (A)
US4608494 (A)
EP0243680 (B1)

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Abstract of **DE 10012043 (A1)**

The device has an imaging device (15) with two objectives and at least one camera movable between the two objects (10,11) held by a holder to produce images of the object surface areas with reference marks. An evaluation unit evaluates and superimposes the camera images and computes a reference mark offset for compensation by a positioning unit. The imaging unit is a compact replaceable optical module with two parallel high imaging quality objectives (1,2), a deflection unit (9) for deflecting the objective beam paths by 90 degrees and cameras (12,13) directly after each objective for transferring the acquired images to the evaluation unit. Independent claims are also included for the following: an imaging device and a method of aligning two objects.